

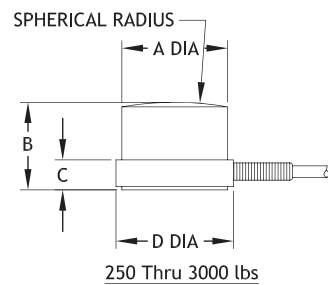
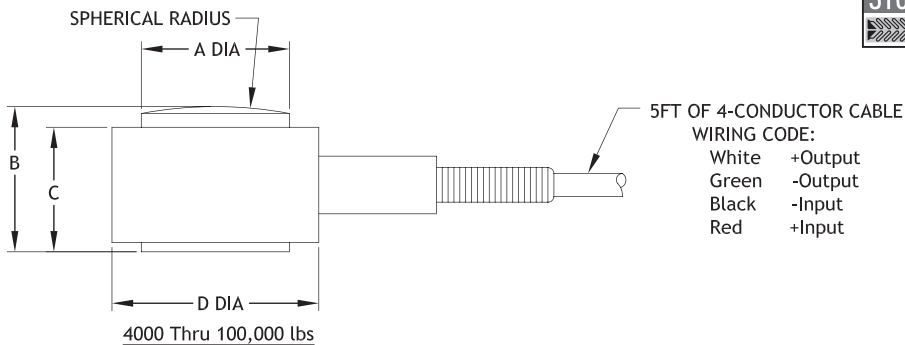
Compact Size Compression Load Cell

Model XLC28

Force



max.
100,000
lbs

**Measuring ranges**

- 0-250 to 0-100,000 lbs

**Features**

- Withstands Impact Loading
- Low Profile
- Stainless Steel Construction
- Ease of Installation

**Options**

- Cable Length
- Extended Compensated Temperature Range
- Inline Amplifier

**Drawing**

- 99-2762-0000

All dimensions are in inches, unless otherwise noted. Also available in metric units.

PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)		Capacity (lbs)	Ordering Example	D	A	B	C
EXCITATION	5 VDC	250	XLC28-0250	.50	.27	.38	.13
OUTPUT	1.5 mV/V Nominal	500	XLC28-0500	.50	.28	.38	.13
BRIDGE RESISTANCE	350 Ohms	1,000	XLC28-001K	.50	.31	.38	.13
LINEARITY		2,000	XLC28-002K	.50	.41	.38	.13
HYSTERESIS	±1.0% FSO, Combined	3,000	XLC28-003K	.50	.45	.38	.13
REPEATABILITY		4,000	XLC28-004K	.63	.49	.60	.23
ZERO BALANCE	±2% FSO	5,000	XLC28-005K	.63	.53	.60	.23
OPERATING TEMP RANGE	-65 to +250°F (-54 to +121°C)	7,500	XLC28-07K5	.88	.67	.63	.54
COMPENSATED TEMP RANGE	+60 to +160°F (+15 to +71°C)	10,000	XLC28-010K	.88	.76	.63	.54
THERMAL EFFECTS	on Zero ±0.01% FSO/°F on Span ±0.01% Reading/°F	50,000	XLC28-050K	1.75	1.25	1.38	1.25
		100,000	XLC28-100K	2.00	1.50	1.63	1.50
SAFE OVERLOAD	150% of Capacity						
ULTIMATE OVERLOAD	300% of Capacity						
CASING MATERIAL	Stainless Steel						